

Release notes for ENDF/B Development dec-053_I_138
evaluation

ENDF
B-VII.dev

October 13, 2016

- **fizcon** Errors:

1. All probability distributions should be normalized to 1, this one isn't.
MAT=1706, MF= 8, MT=457 (1): Bad norm (b)

```
ERROR(S) FOUND IN MAT=1706, MF= 8, MT=457
NORMALIZATION CHECK INTEGRAL= 1.00947E+00 BEFORE
```

2. Energies released in decay not adding up!
MAT=1706, MF= 8, MT=457 (2): Bad energy sum

```
ERROR(S) FOUND IN MAT=1706, MF= 8, MT=457
NEUTRON AVERAGE ENERGY SUMUP FAILURE
WHOLE= 2.09685E+04 SUM= 2.14030E+04
```